

What is claimed is:

1. A connecting structure for auxiliary machinery and cable in which a plurality of conductors are surrounded by an insulating covering and arrayed in a flat configuration and an auxiliary machinery that attaches directly to this cable; wherein
said auxiliary machinery is provided with
a housing being equipped with a board on which electronic components are mounted and to which a specific circuitry pattern has been formed, a connection terminal that is connected to said circuitry pattern on said board and to at least one conductor among said conductors of said cable, and
a molded part for sealing connections between said connection terminal of said housing and said conductors of said cable; and
said cable is disposed so as to extend along an outside of said auxiliary machinery.
2. A connecting structure for auxiliary machinery and cable according to claim 1, wherein said auxiliary machinery is coupled to an end of said cable by directing the end of said cable toward a proximal end portion of said housing of said auxiliary machinery and connecting said conductors near the end of said cable to said proximal end portion of said connecting terminal along a direction that is perpendicular to axes of the conductors; and said cable is installed so as to lie along the outside of said housing extending over a specific distance from said proximal end to a distal end of said housing, and such that the axes of the conductors bend in a direction perpendicular to the side of said housing.
3. A waterproofing structure for an auxiliary machinery that is directly connected to a cable in which a plurality of conductors are surrounded by an insulating covering and arrayed in a flat configuration; wherein
said auxiliary machinery is provided with
a housing being equipped with a board on which electronic components are mounted and to which a specific circuitry pattern has been formed,
a connection terminal that is connected to said circuitry pattern on said board and to at least one conductor among said conductors of said cable; and
a molded part for sealing connection portion between said connection terminal of said housing and said conductors of said cable.

4. A mounting structure for auxiliary machinery that is directly coupled to a cable in which a plurality of conductors are surrounded by an insulating covering and arrayed in a flat configuration to a receiving member, wherein

said receiving member is provided with a mounting hole for mounting the auxiliary machinery; and

said auxiliary machinery is provided with

a housing in which a distal end thereof can engage in the mounting hole and being equipped with a board on which electronic components are mounted and to which a specific circuitry pattern has been formed, and a connection terminal which connects with said circuitry pattern on said board and with at least one of said conductors of said cable,

a retainer that attaches to a distal end of said housing and an outer periphery of which engages in said mounting hole of said receiving member, and

a molded part that seals connecting portion between said connection terminal of said housing and said conductors of said cable; and wherein,

said auxiliary machinery is mounted to said receiving member by attaching said retainer in said mounting hole from one side of said receiving member, and attaching said housing to said retainer from the other side of said receiving member.

5. A mounting structure for auxiliary machinery according to claim 4, wherein said retainer is provided with a collar for interlocking with a periphery of said mounting hole from a side opposed to a side in which said housing is attached, a projecting part for interlocking with a periphery of said mounting hole from the side in which said housing is attached, and an interlocking projection that interlocks with said housing.

6. A mounting structure for auxiliary machinery according to claim 4, wherein said retainer is provided with a collar for interlocking with the periphery of said mounting hole from a side opposed to a side in which said housing is attached and an interlocking projection that interlocks with said housing, and said auxiliary machinery be mounted and firmly fixed to said receiving member in a state such that peripheries of either open side of said mounting hole are held between said collar and a distal end of said housing after it has been mounted in said retainer.